Allied Directory Services

ACP 133

and Procedures

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Agenda

- What Is ACP 133?

- How Is ACP 133 Applicable For The FPKI-TWG Directory System?

- How Is ACP 133 Not Applicable For The PKI-TWG Directory System?

What is ACP 133?

GENERAL

- A Target Definition For Directory Services, Architecture, Protocols, Schema, Policies, and Procedures To Support Allied Communications

WHAT IS ACP 133

- Defines Mechanisms And Rules For Sharing Information And Interconnection Of National Assets

- Based On The 1993/95 Edition Of The X.500 Standard and Selected 1997 Standard Enhancements

WHAT IS ACP 133 (cont.)

- Defines A Shared Schema For:
  - Storage Of Information Needed By Messaging Applications
  - Certificates Needed For Secure Messaging Or Other Secure Applications (e.g., Electronic Data Interchange (EDI) And Electronic Commerce (EC))
  - Managing Components Of A Message Handling System And The Directory System Itself.
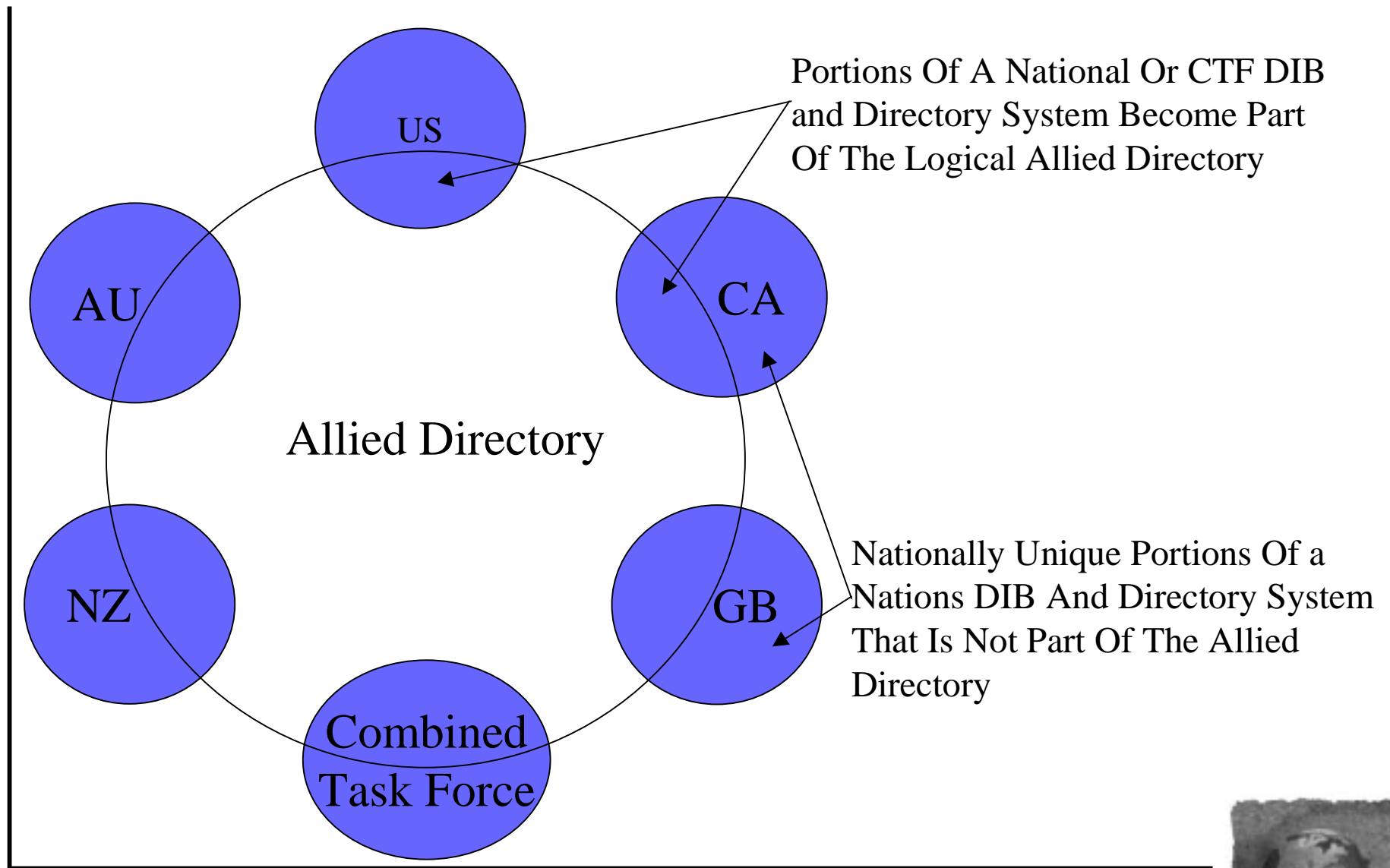
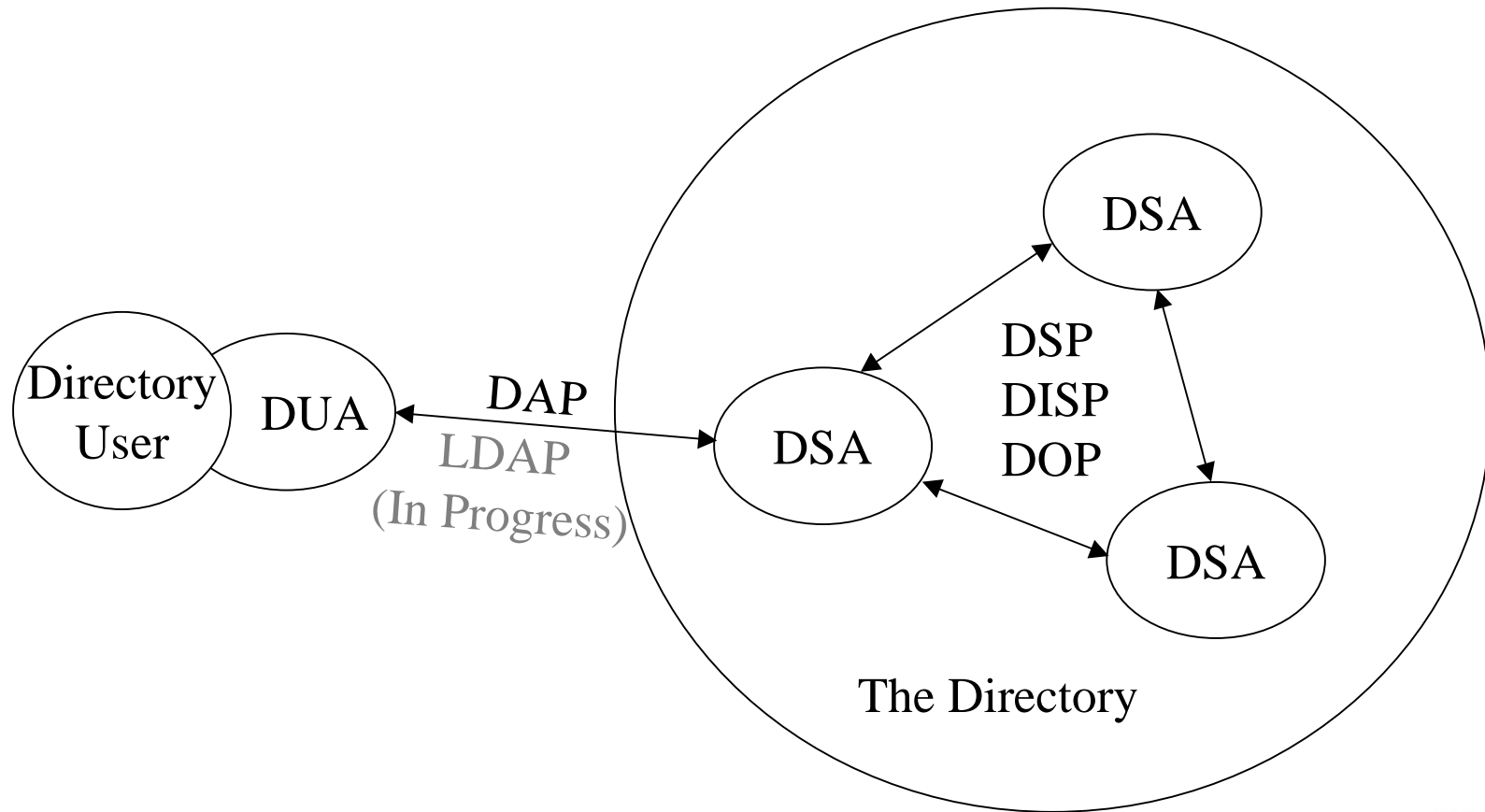# WHAT IS ACP 133 (cont.)

- Defines DUA To DSA And DSA To DSA Communication

- Optional Or Mandatory Use For Elements Of Service

- Also Defines:
  - Name Forms
  - DIT Structure
  - DIT Content Rules
  - Matching Rules

DIRECTORY DOMAINS

US

AU

CA

Allied Directory

NZ

GB

Combined Task Force

Portions Of A National Or CTF DIB and Directory System Become Part Of The Logical Allied Directory

Nationally Unique Portions Of a Nations DIB And Directory System That Is Not Part Of The Allied Directory

DIRECTORY PROTOCOLS

Directory User

DUA

DAP
LDAP
(In Progress)

DSA

DSP
DISP
DOP

DSA

DSA

The Directory

EXAMPLE DIRECTORY CONFIGURATION

Country A

DSA A

DUA A

DSA A

Border DSA

To Other DSAs & DUAs

DUA B

DSA B

Border DSA

DUA B

Country B

To Other DSAs & DUAs

DUA B

DSA B

Border DSA

DUA A

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How Is ACP 133 Applicable For The FPKI-TWG Directory System?

AID DEFINITION OF COMBINED DIRECTORY

Country A

DSA A

DUA A

DSA A

Border DSA

To Other DSAs & DUAs

Border DSA

DSA B

To Other DSAs & DUAs

DUA B

Country B

Border DSA

DUA B

DSA B

DUA A

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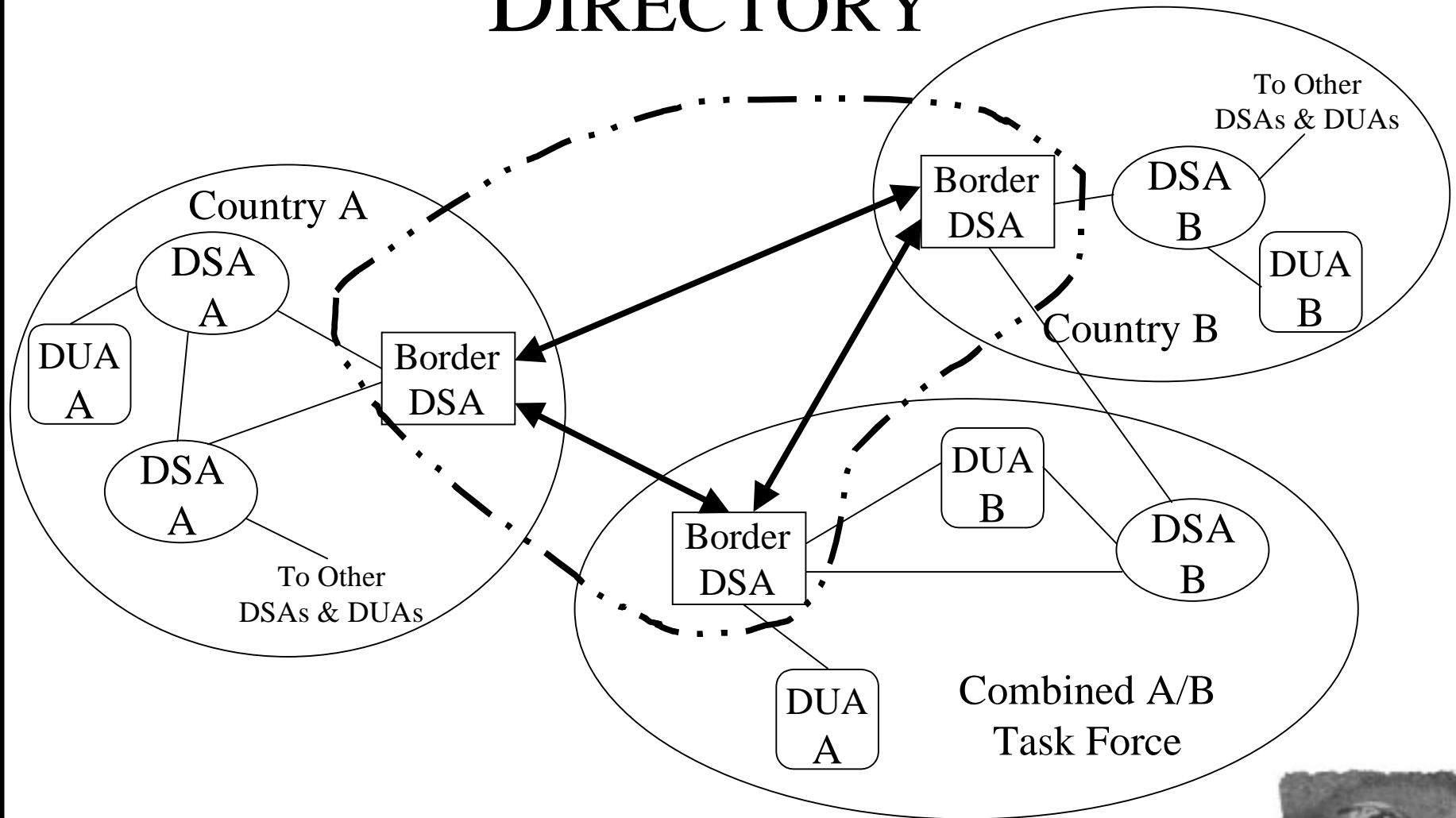
ACP 133 AIDS IN...

- Defining
  - Combined Directory Management Requirements
  - Registration Requirements
  - Security Requirements
  - Access Controls
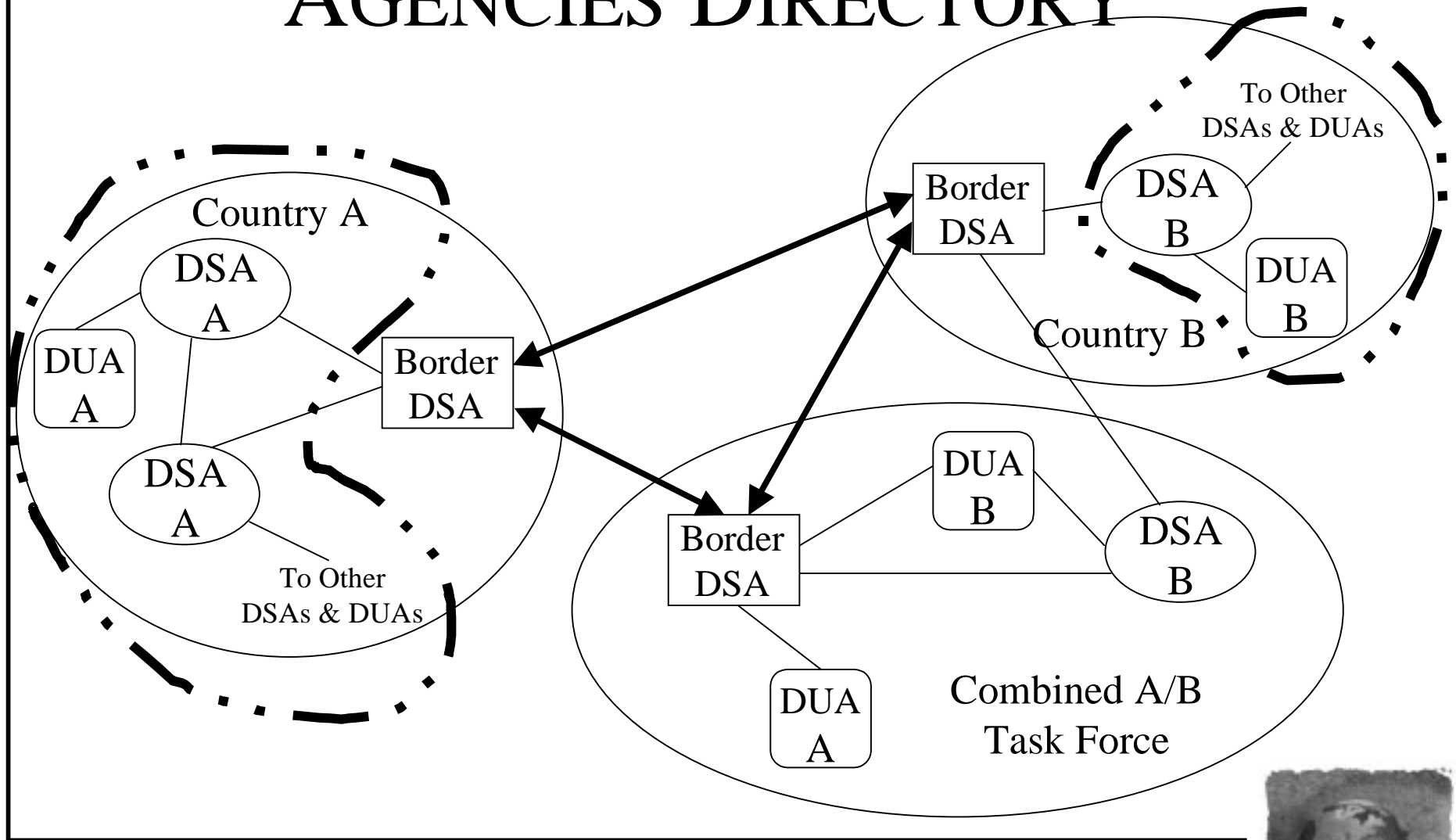 - Performance Requirements

How Is ACP 133 Not Applicable For The PKI-TWG Directory System?

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DOES NOT DEFINE AN AGENCIES DIRECTORY

Country A

DSA A

DUA A

DSA A

Border DSA

To Other DSAs & DUAs

Border DSA

DSA B

To Other DSAs & DUAs

DUA B

Country B

Border DSA

DUA B

DSA B

DUA A

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ACP 133 DOES NOT...

- Define Interface Requirements Between Different Protocol Directory Systems

- Define User Interface

- Define An Architecture For Agencies

Questions?

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